

For Research Use Only

TCOF1 Recombinant antibody

Catalog Number: 84914-4-RR



Basic Information

Catalog Number:

84914-4-RR

Concentration:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1447

GenBank Accession Number:

BC014559

GeneID (NCBI):

6949

UNIPROT ID:

Q13428

Full Name:

Treacher Collins-Franceschetti syndrome 1

Calculated MW:

97 kDa, 144 kDa, 152 kDa

Observed MW:

220-240 kDa

Purification Method:

Protein A purification

CloneNo.:

242201E12

Recommended Dilutions:

WB 1:5000-1:50000

IF/ICC 1:300-1:1200

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human

Positive Controls:

WB : Jurkat cells, A549 cells, HEK-293T cells

IF/ICC : MCF-7 cells,

Background Information

TCOF1 also known as treacle, is a nucleolar protein with a LIS1 homology domain. TCOF1 is involved in ribosomal DNA gene transcription by interacting with upstream binding factor (UBF). Mutations in TCOF1 have been associated with Treacher Collins syndrome, a disorder which includes abnormal craniofacial development(PMID: 31218872)

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

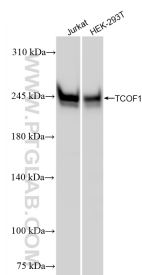
T: 4006900926

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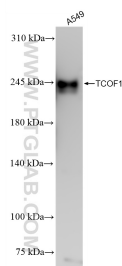
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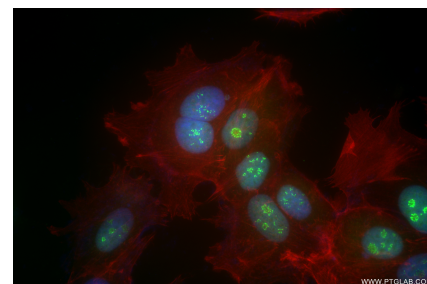
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84914-4-RR (TCOF1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



A549 cells were subjected to SDS PAGE followed by western blot with 84914-4-RR (TCOF1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using TCOF1 antibody (84914-4-RR, Clone: 242201E12) at dilution of 1:600 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).